

16. (original) A method of measuring the state of immunological tolerance of a patient to beta cells which comprises the following steps:-

- a. Extracting the patient's peripheral blood mononuclear cells
- b. Culturing these cells with any of the peptides or peptide combinations above
- c. Applying a cytokine ELISPOT analysis to the cultured cells in order to quantitate the cellular production of cytokines eg interferon- γ and interleukin-10.

17. (original)A method according to claim 16, in which the patient's immunological tolerance to beta cells is demonstrated by the presence of an increased number of interleukin-10 producing cells and a reduced number of interferon- γ producing cells.

REMARKS

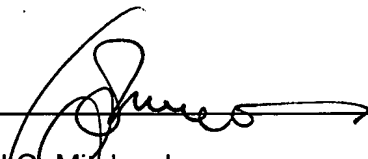
The forgoing amendments are made to insert the required SEQ ID NO identifiers associated with each listed sequence.

Applicants believe that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

Respectfully submitted,

Date Sept 17, 04

By 

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Should additional fees be necessary in connection with the filing of this paper, or if a petition for extension of time is required for timely acceptance of same, the Commissioner is hereby authorized to charge Deposit Account No 14-1140 for any such fees; and applicants hereby petition for any needed extension of time.